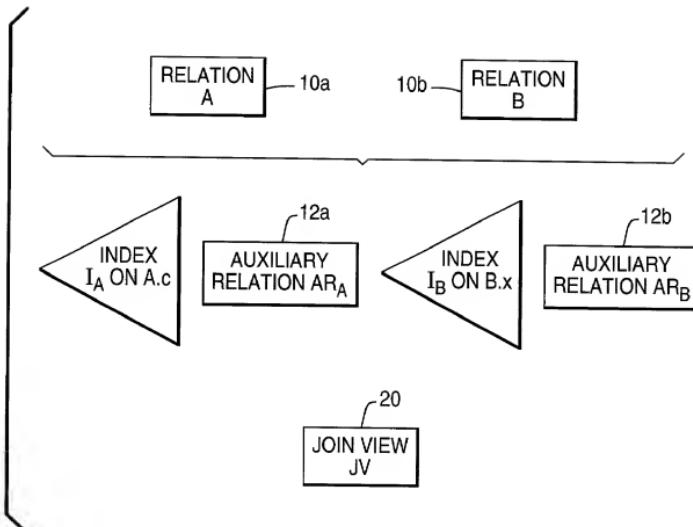
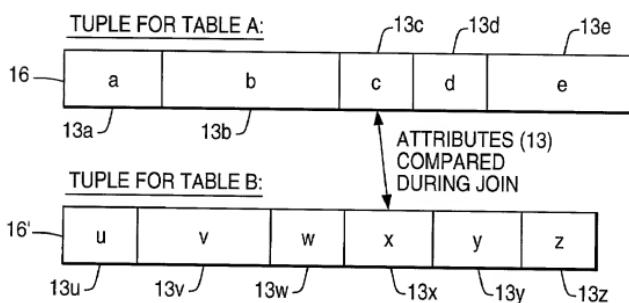


**FIG. 1**

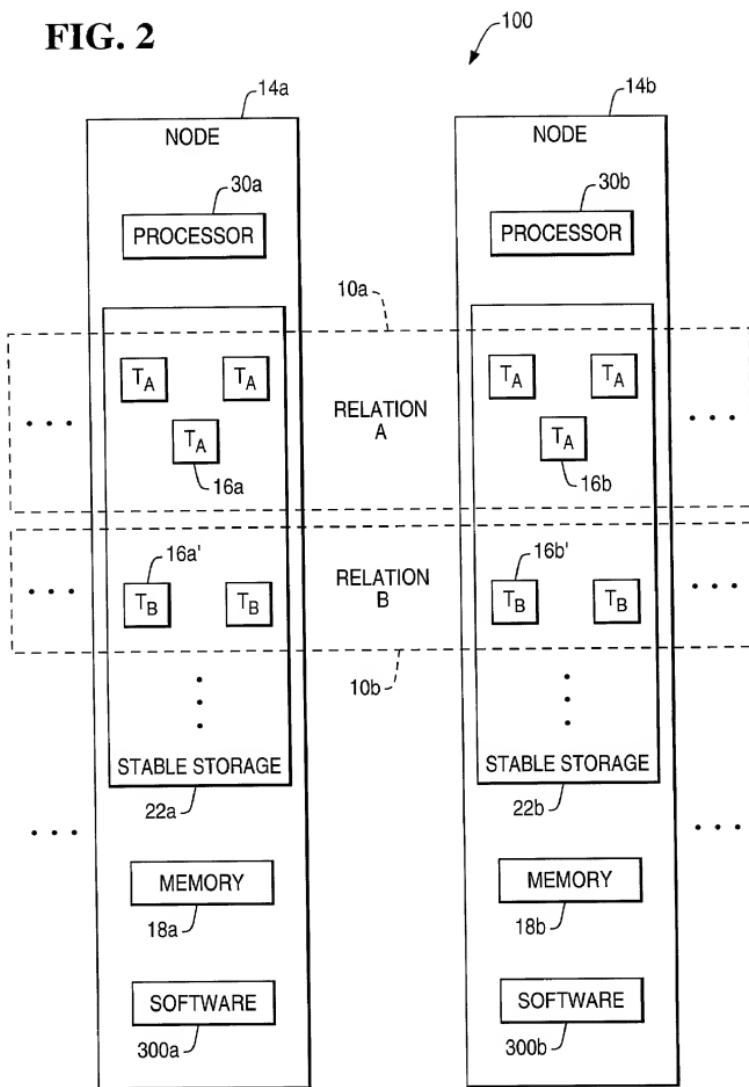


JOINED TUPLES IN JUNCTION

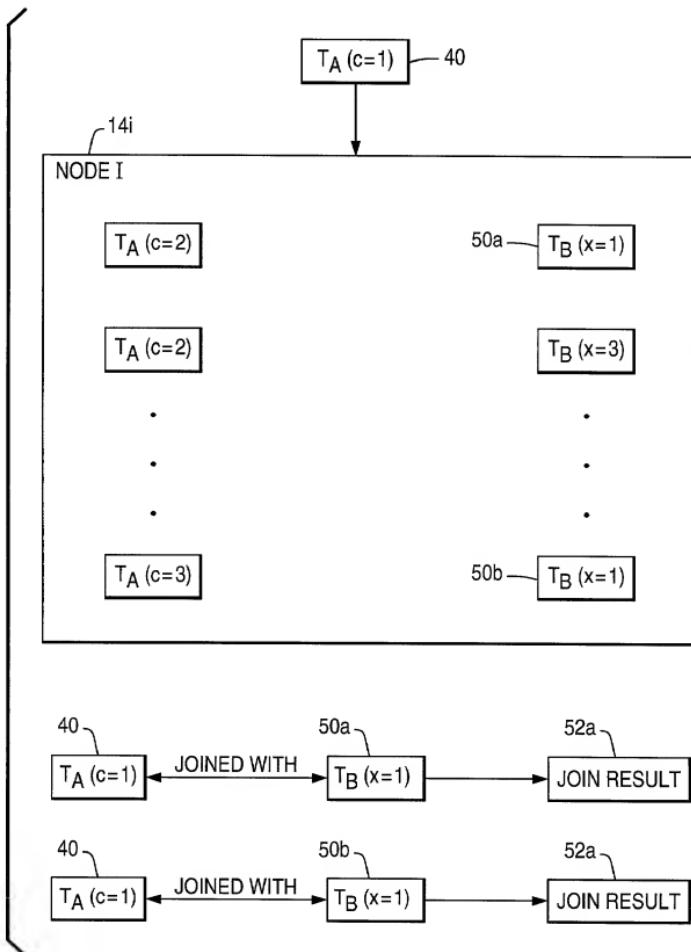
**FIG. 3**



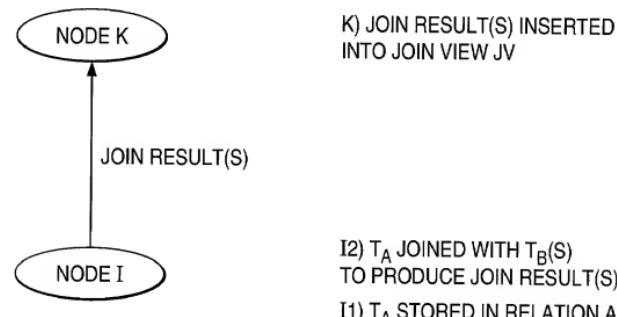
**FIG. 2**



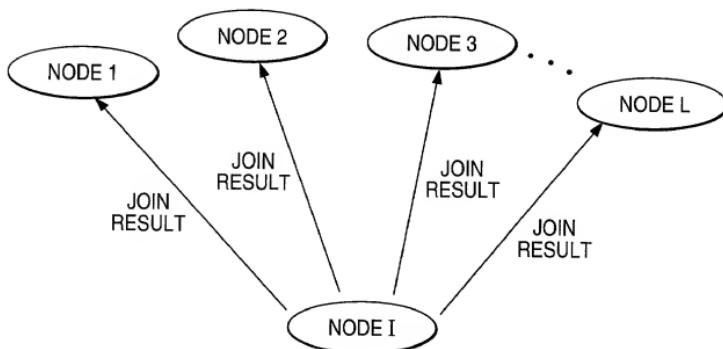
**FIG. 4**



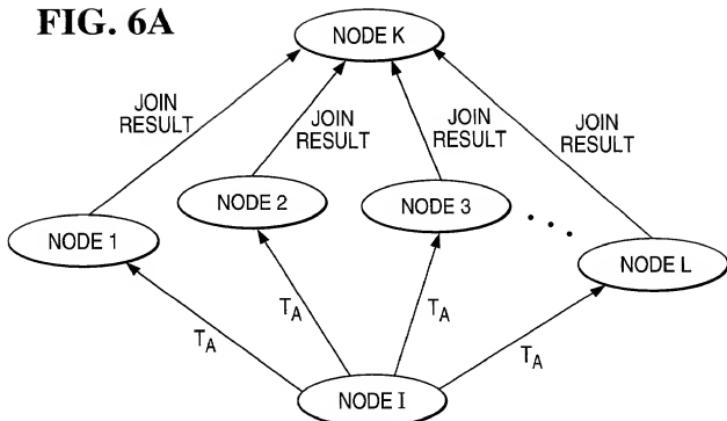
**FIG. 5A**



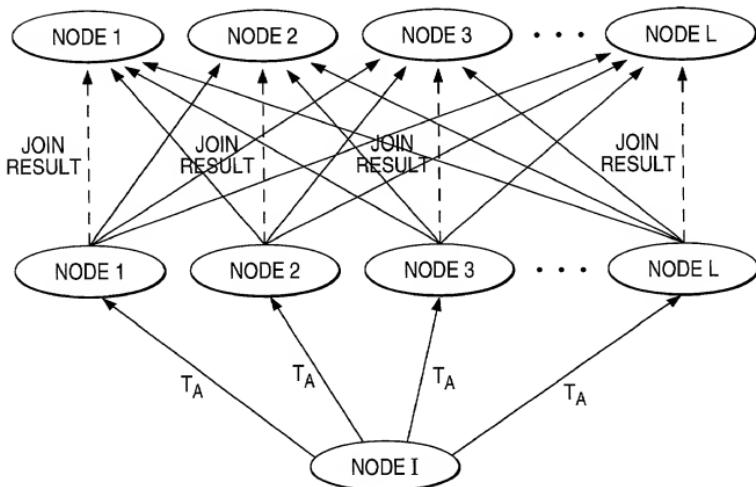
**FIG. 5B**



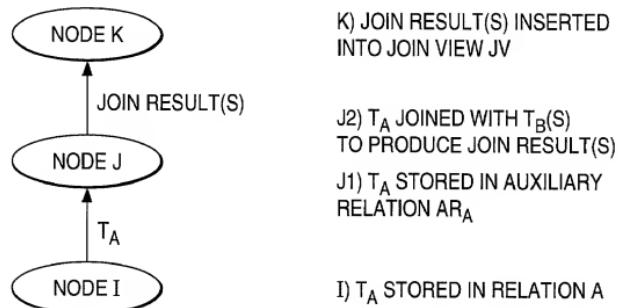
**FIG. 6A**



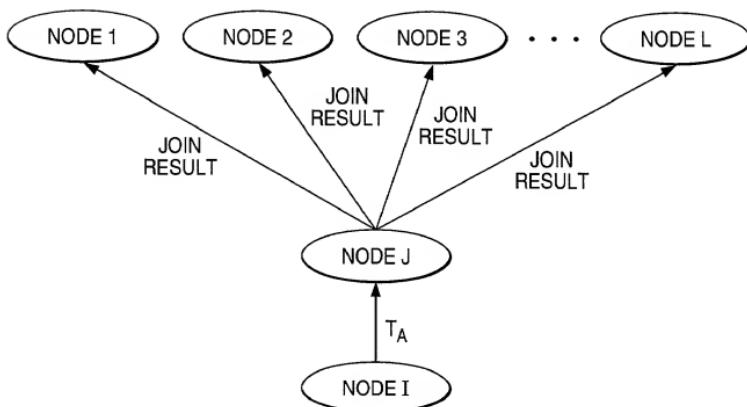
**FIG. 6B**



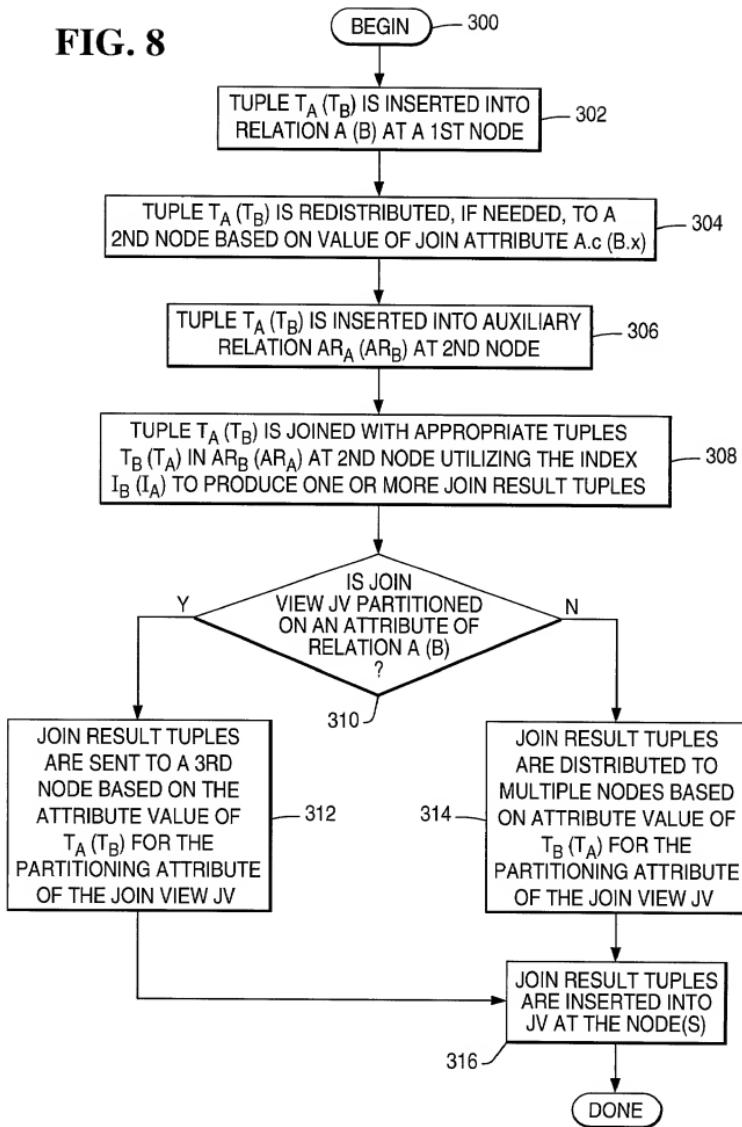
**FIG. 7A**



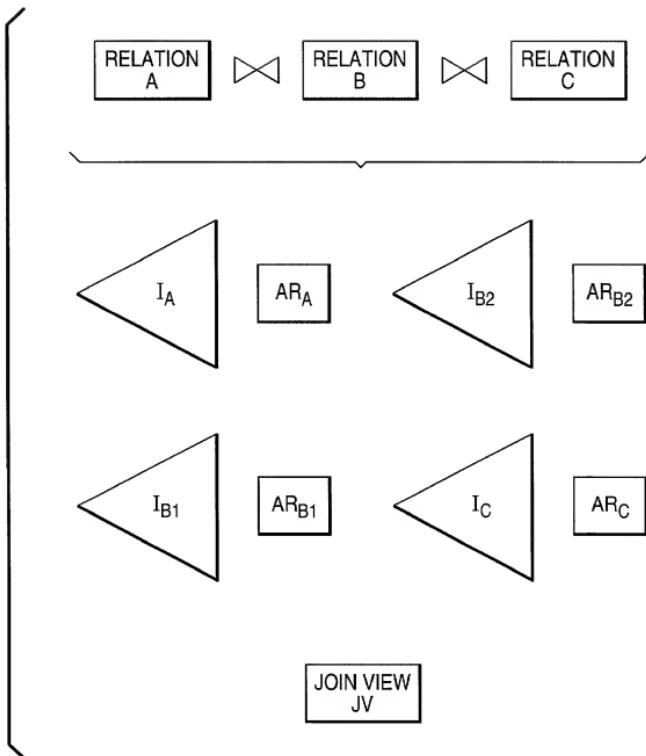
**FIG. 7B**



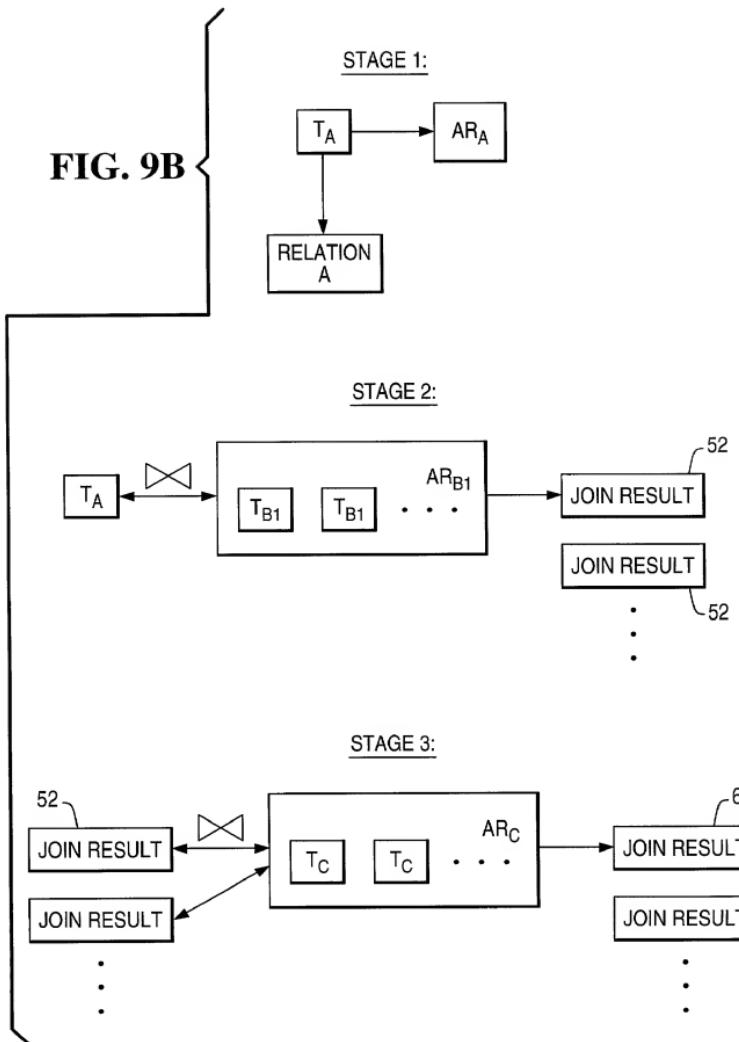
**FIG. 8**



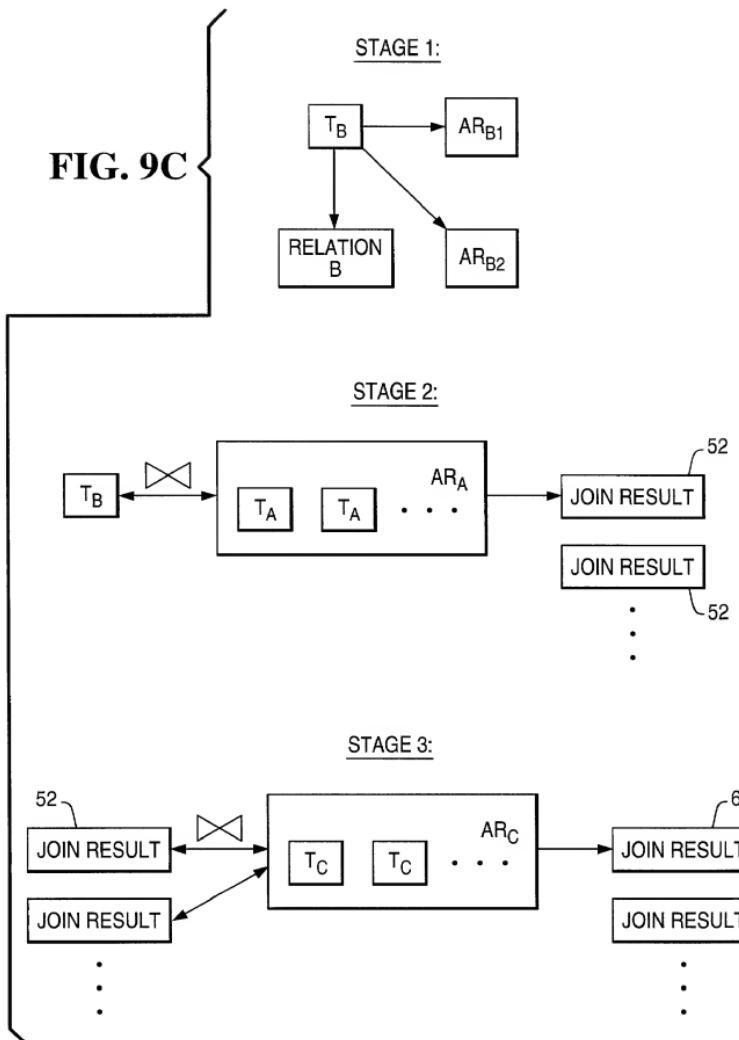
**FIG. 9A**



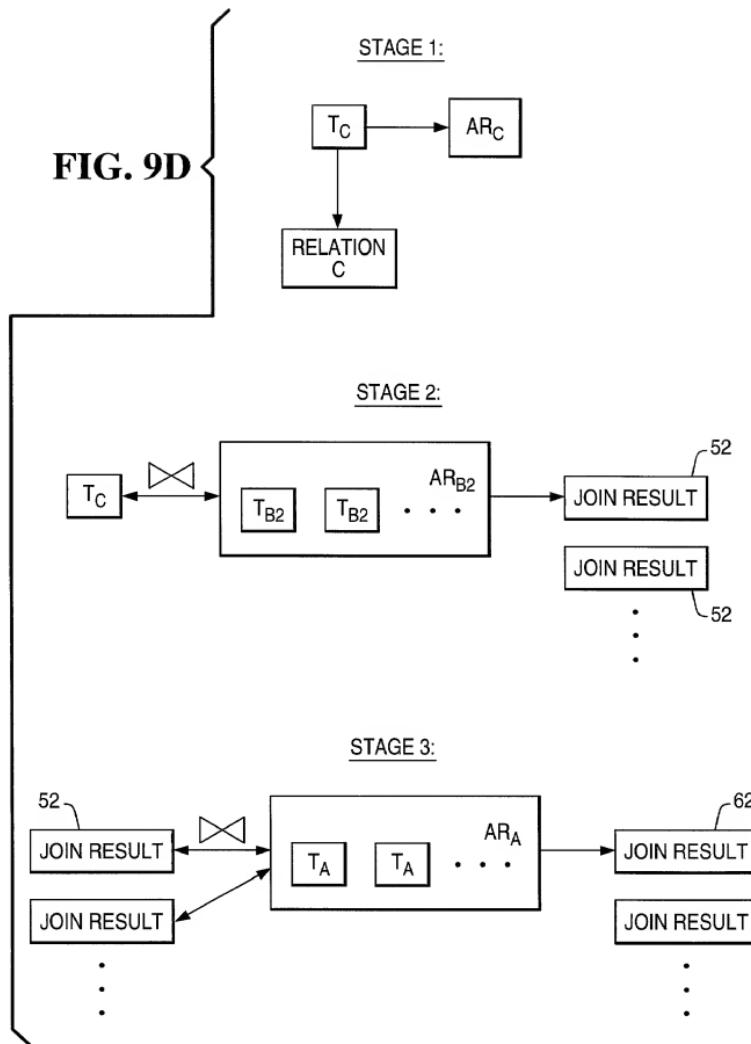
**FIG. 9B**



**FIG. 9C**



**FIG. 9D**



**FIG. 10**

